What is claimed is:

1. A method for acceleration and deceleration control for supplying a movement command which has been subjected to acceleration and deceleration processing to a servo control section, wherein

acceleration in said acceleration and deceleration processing is determined such that a speed-acceleration curve of said movement command which has been subjected to acceleration and deceleration processing may lie along a predetermined speed-acceleration curve; and

said speed-acceleration curve is set for each axis and dependent on acceleration or deceleration.

2. The method for acceleration and deceleration control according to claim 1, wherein said speed-acceleration curve is set for each direction of movement.

3. The method for acceleration and deceleration control according to claim 1, wherein, in acceleration, an acceleration in said acceleration and deceleration processing is obtained so that it lies along said speed-acceleration curve, while, in deceleration, the processing is done with a fixed acceleration.

4. The method for acceleration and deceleration control according to claim 1, 2 or 3, wherein, in acceleration, an acceleration in said acceleration and deceleration processing is obtained so that it lies along said speed-acceleration curve,

while, in deceleration, the processing is done through filtering for a certain period of time with respect to the fixed acceleration.

5. A numerical control device, comprising:

a memory for storing, for each control axis, the relation between individual speeds in acceleration and corresponding restricted accelerations and also the relation between individual speeds in deceleration and corresponding restricted decelerations, in the form of a table;

acceleration-deceleration determination means for determining as to whether or not an acceleration operation should be done, an operation of a command speed should be done or a deceleration operation should be done, for said axis, in the present processing cycle:

speed determination means for determining speeds in the present processing period, by using a speed in the present processing cycle as a command speed in the case where said acceleration-deceleration determination means decided that an operation of a command speed be applied, by reading from said memory a restricted acceleration corresponding to the speed of said axis obtained in the previous processing cycle to determine a speed in the present processing cycle using said restricted acceleration thus read in the case where said acceleration-deceleration determination means decided that

acceleration be applied, or by reading from said memory a restricted deceleration corresponding to the speed of said axis obtained in the previous processing cycle to determine a speed in the present processing cycle using said restricted deceleration thus read in the case where said acceleration-deceleration determination means decided that deceleration be applied; and

output means for finding data on the amount of movement of said axis in the present processing cycle by using the speed found by said speed determining means, and then outputting said data on the amount of movement to a servo control system for said axis.